

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## BEST AVAILABLE IMAGES

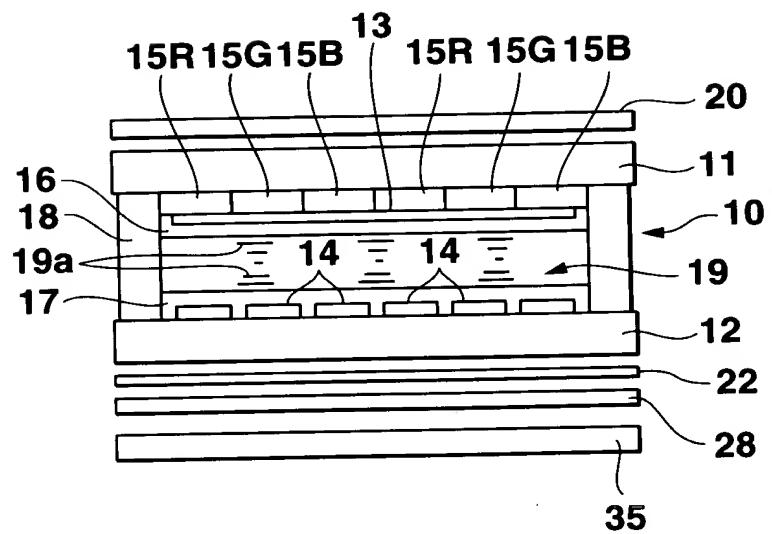
Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

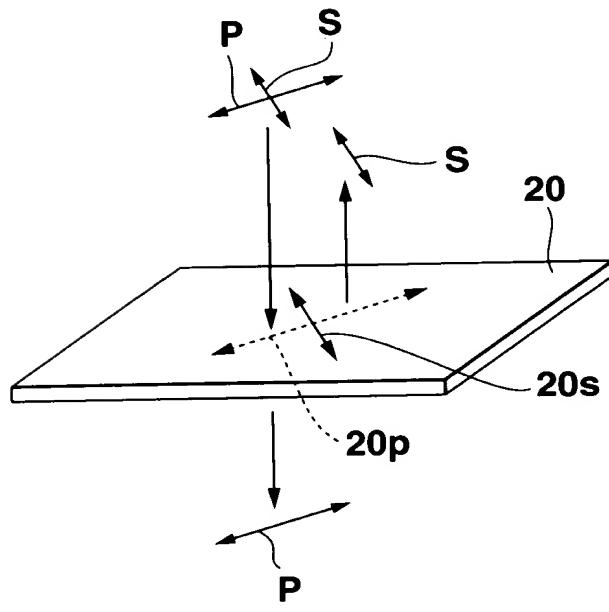
- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

## IMAGES ARE BEST AVAILABLE COPY.

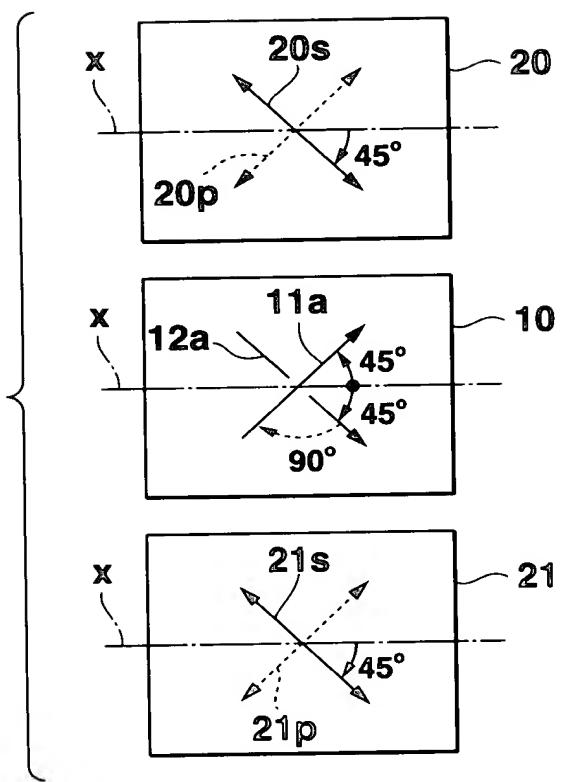
As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.



**FIG.1**



**FIG.2**



**FIG.3**

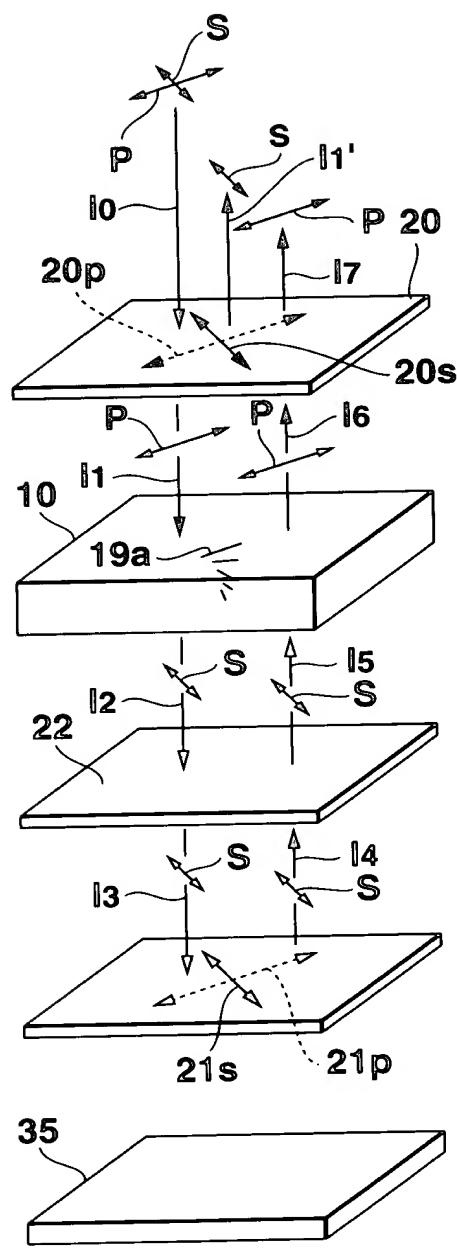


FIG.4A

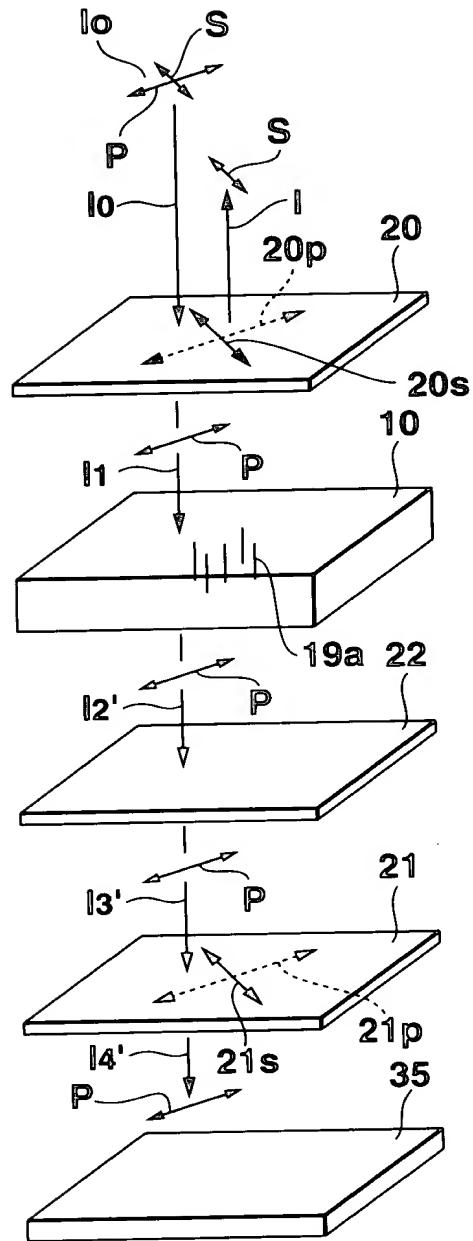
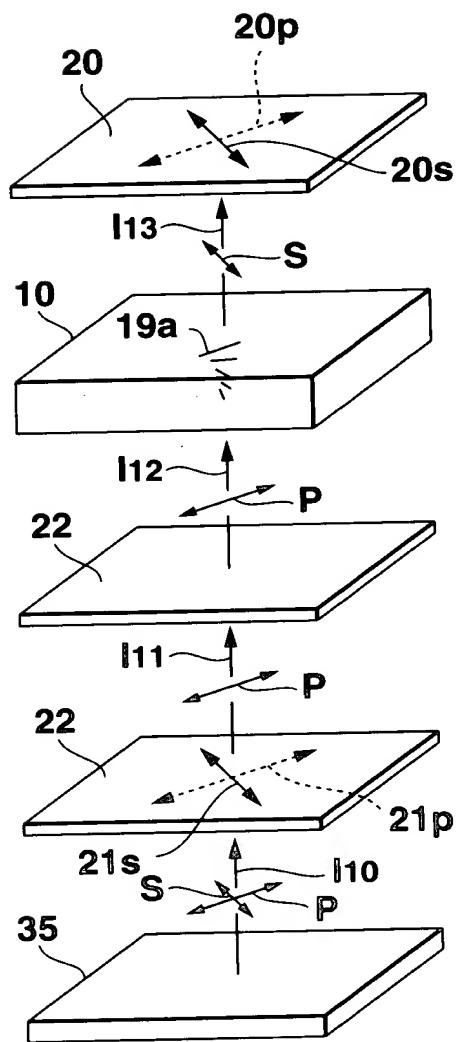
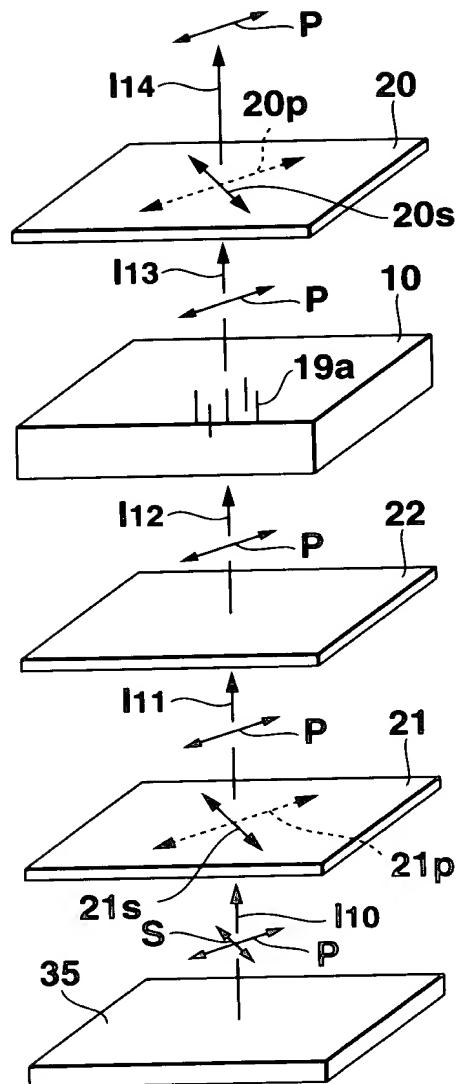


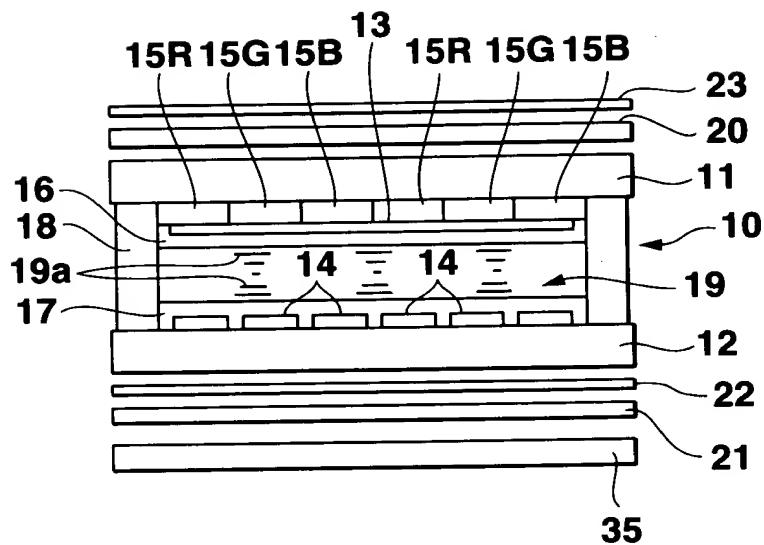
FIG.4B



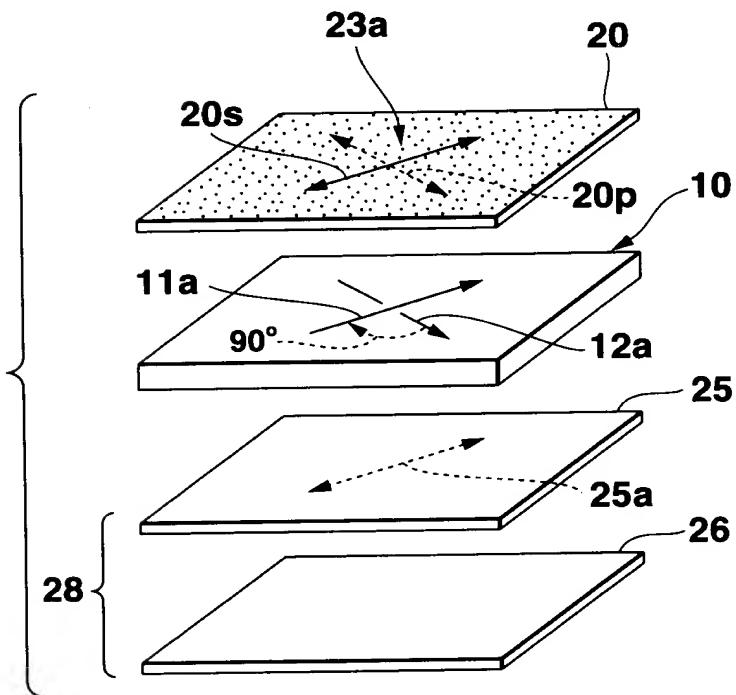
**FIG. 5A**



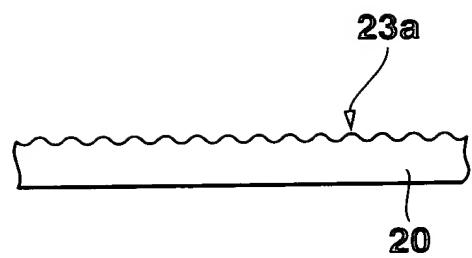
**FIG. 5B**



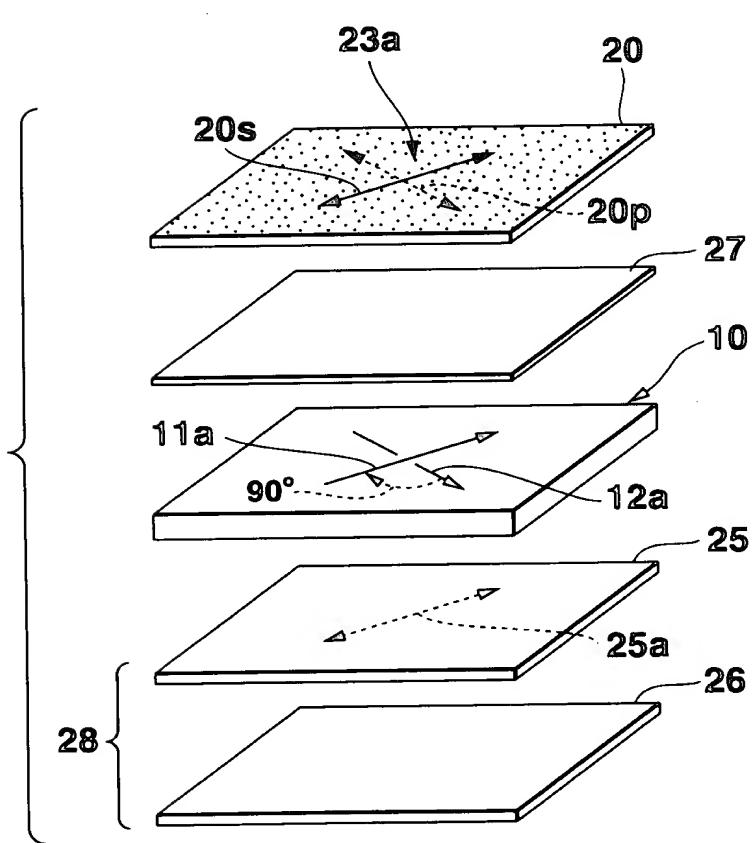
**FIG.6**



**FIG.7**



**FIG. 8**



**FIG. 9**

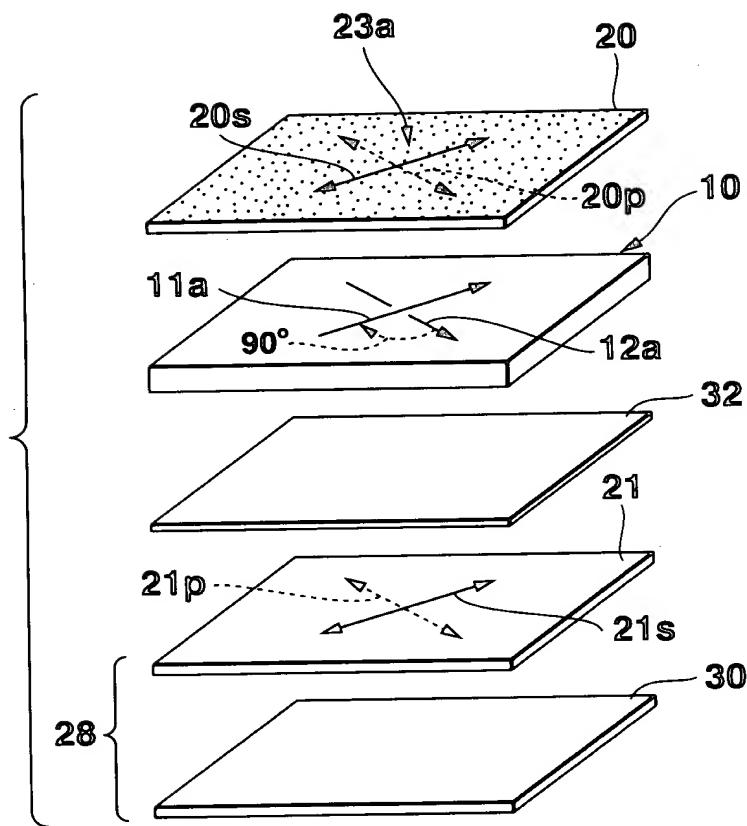
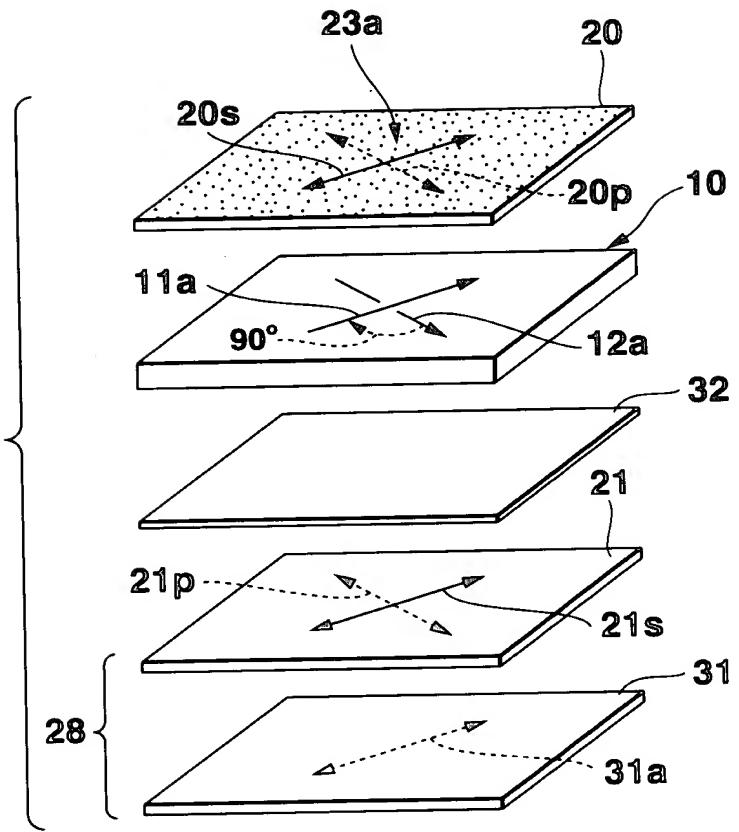


FIG.10



**FIG.11**

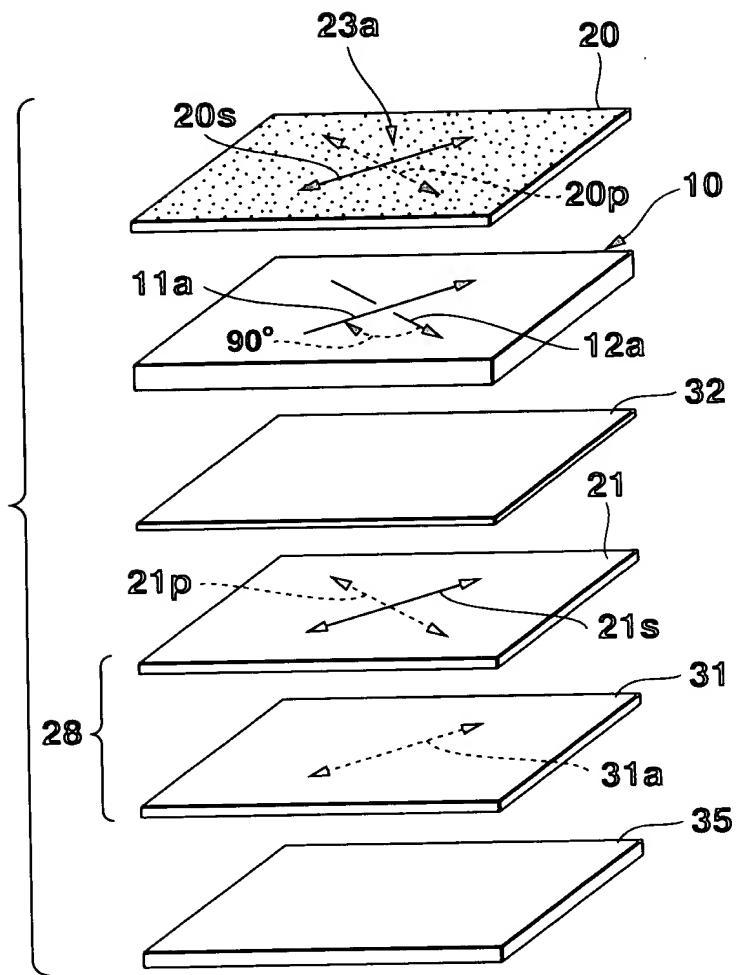
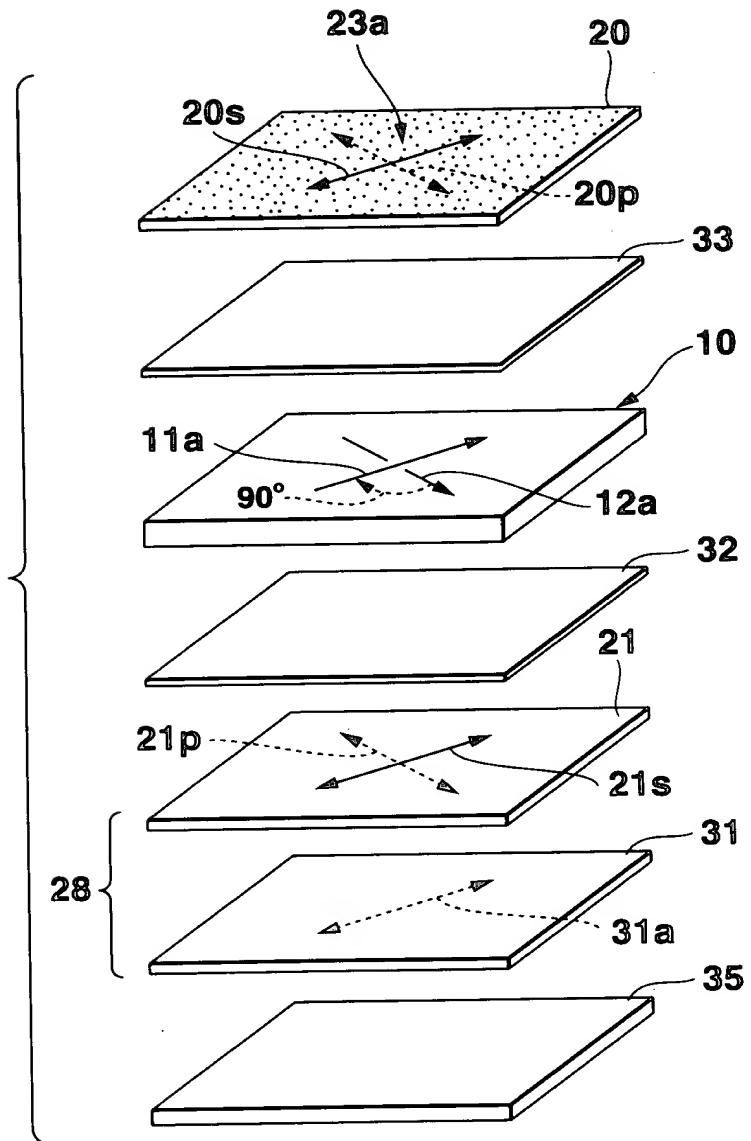
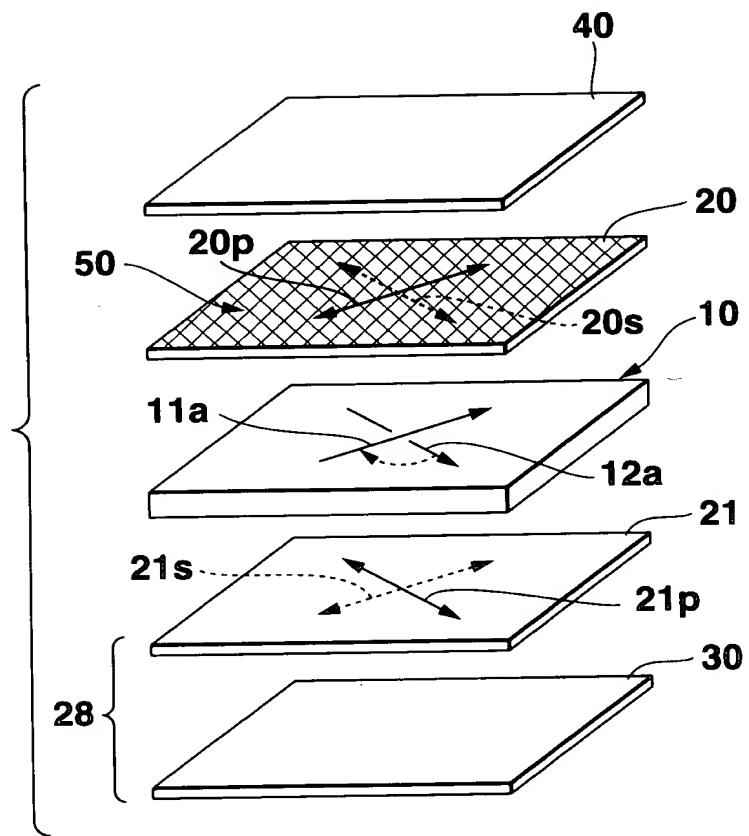


FIG.12

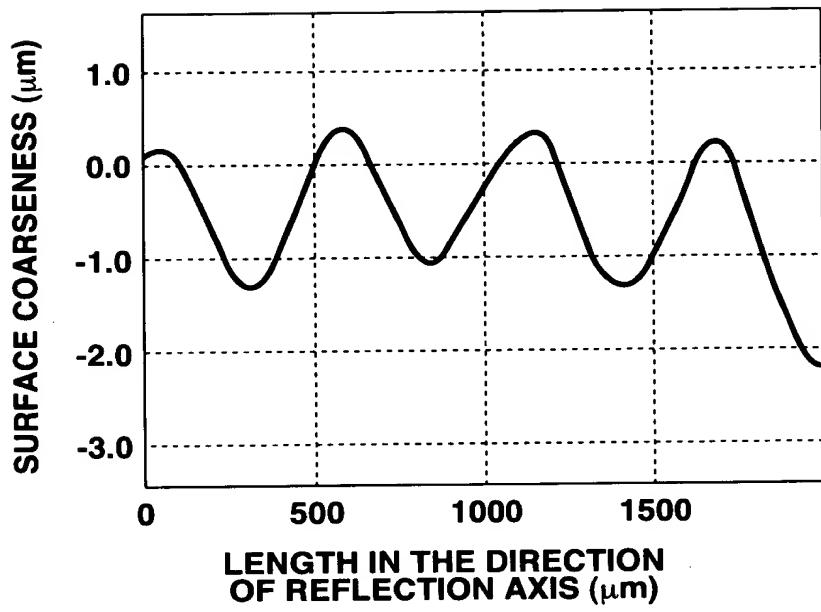


**FIG.13**

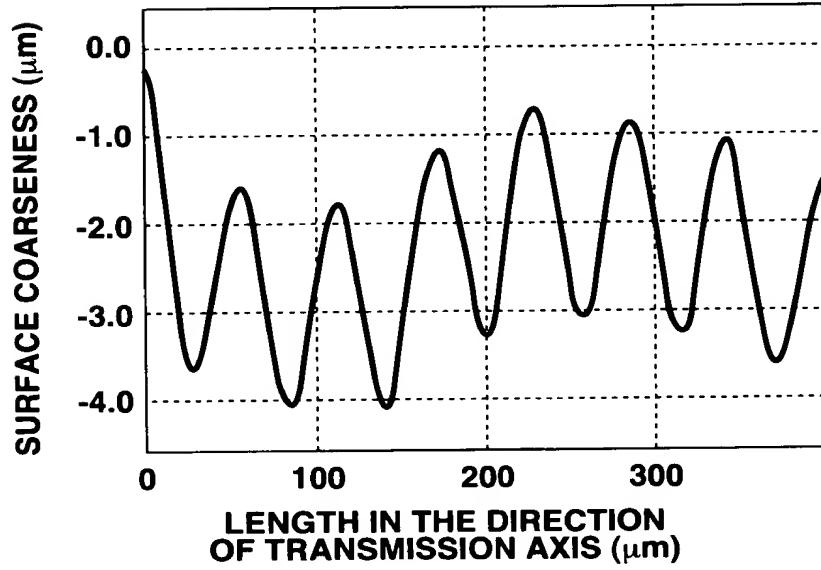
00 00 00 00 00 00 00 00 00 00 00



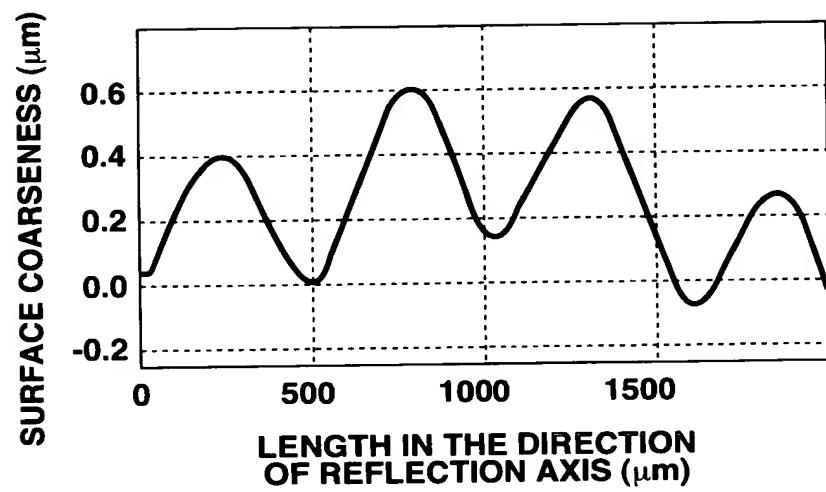
**FIG.14**



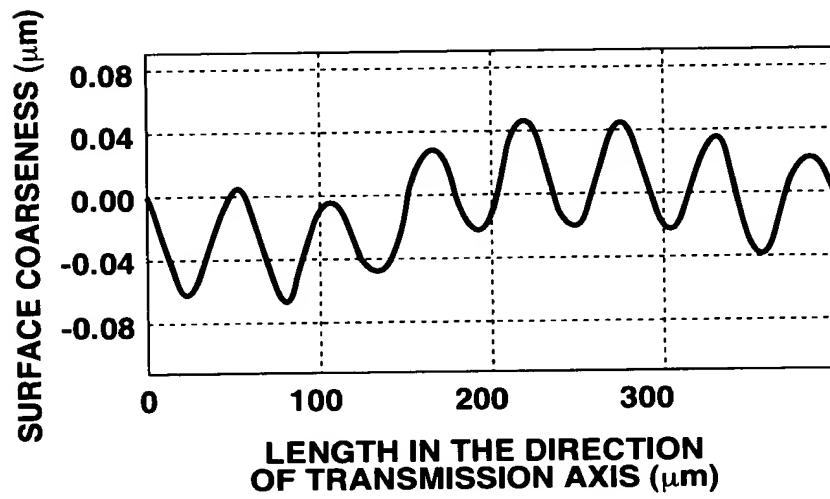
**FIG.15A**



**FIG.15B**

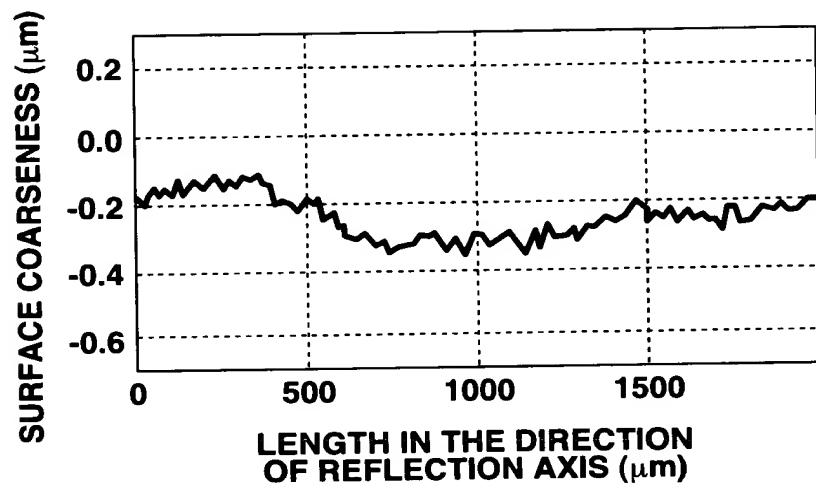


**FIG.16A**

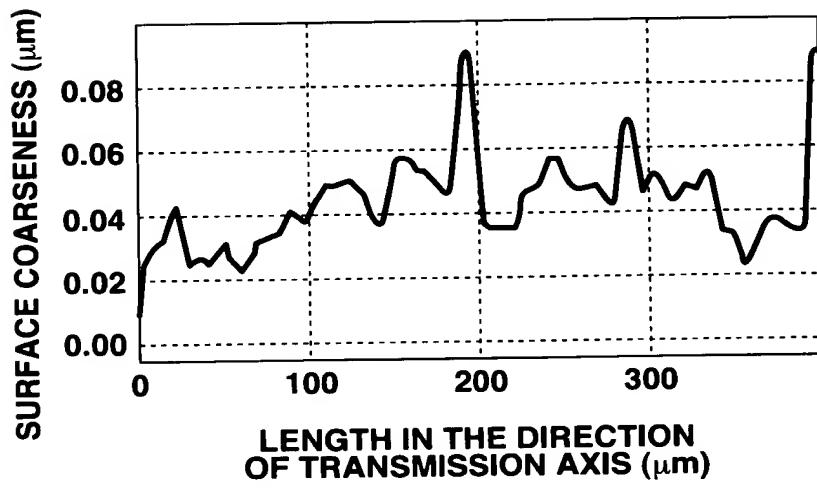


**FIG.16B**

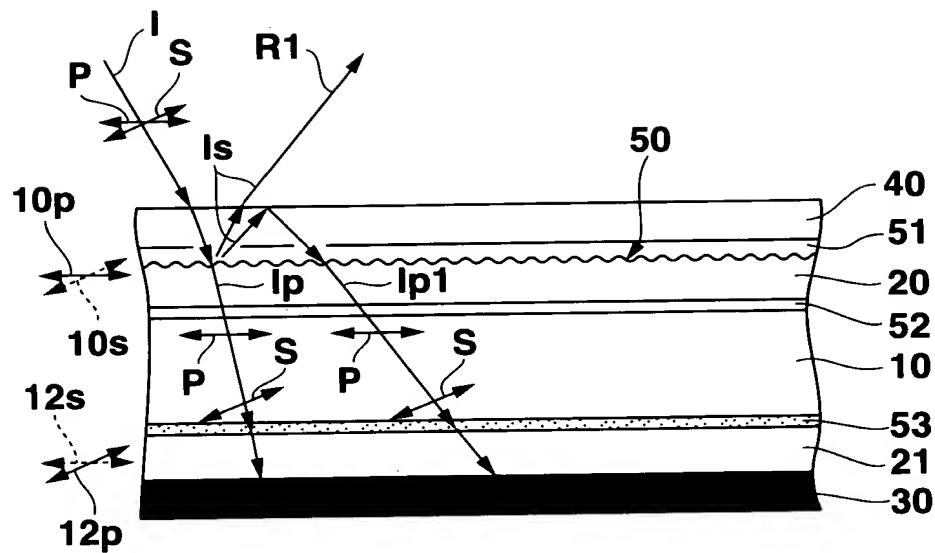
00000000000000000000000000000000



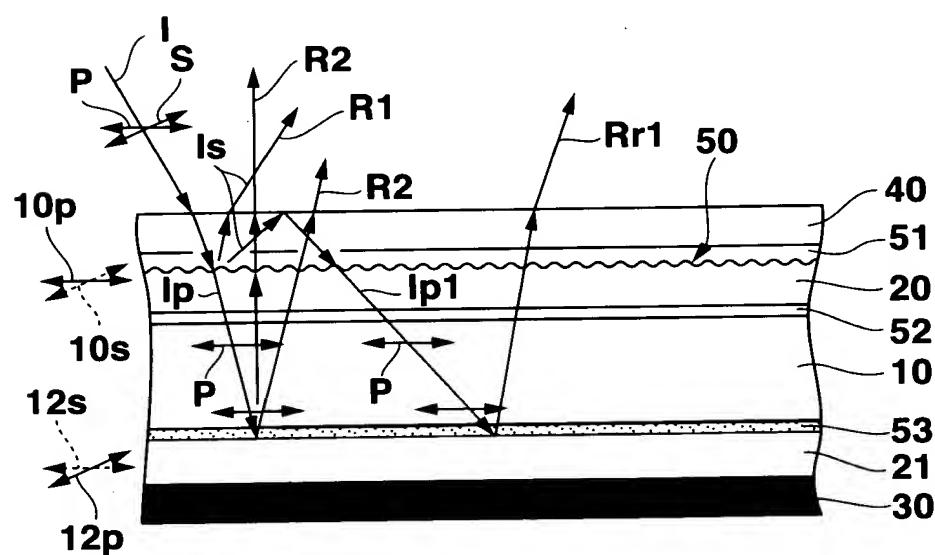
**FIG.17A**



**FIG.17B**

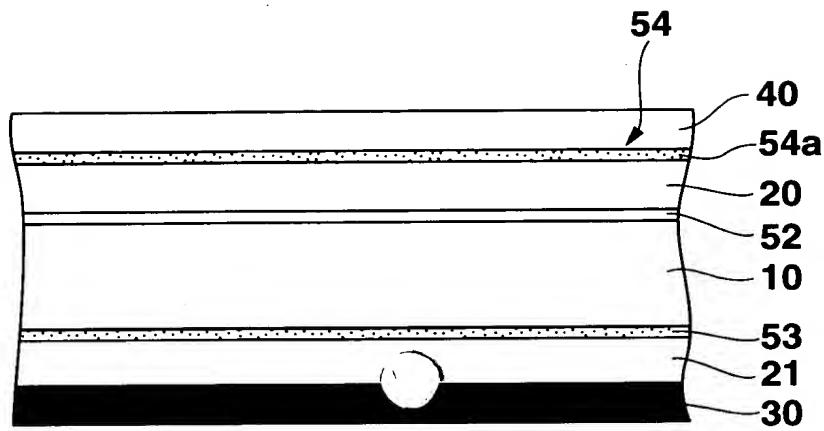


**FIG.18A**

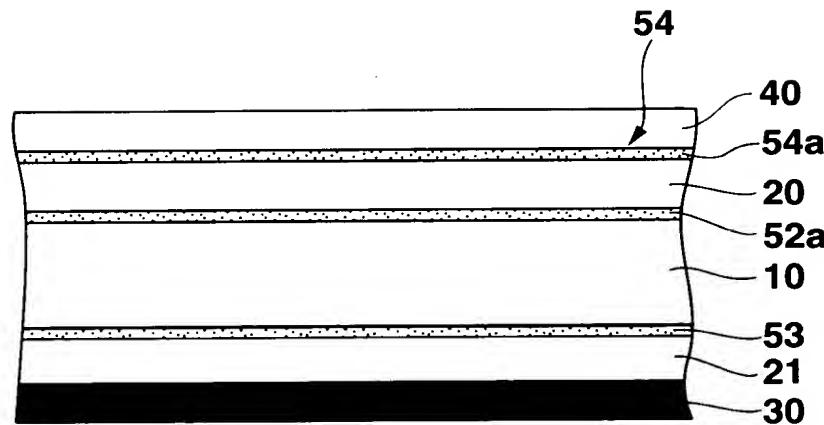


**FIG.18B**

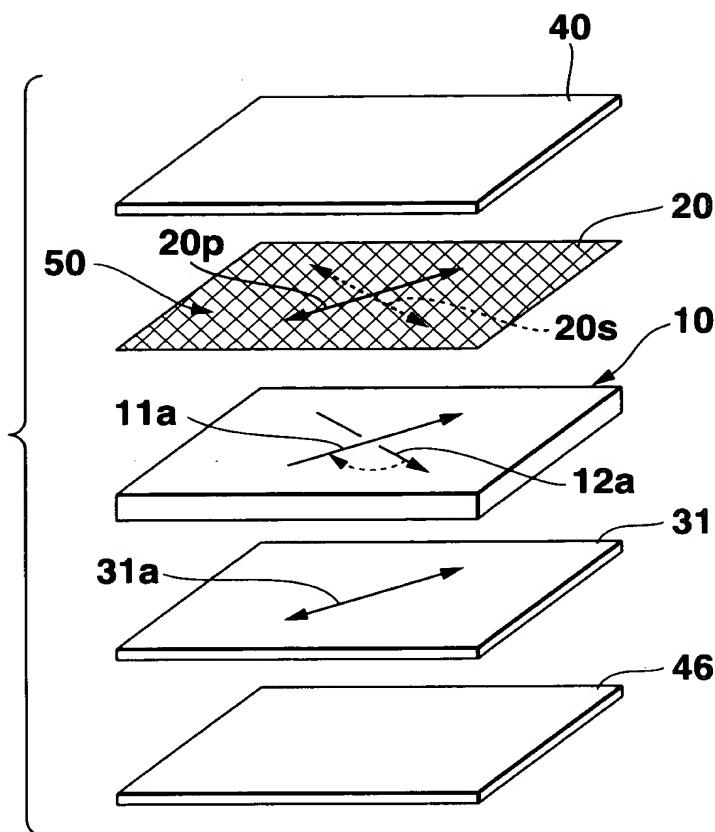
000000000000000000000000



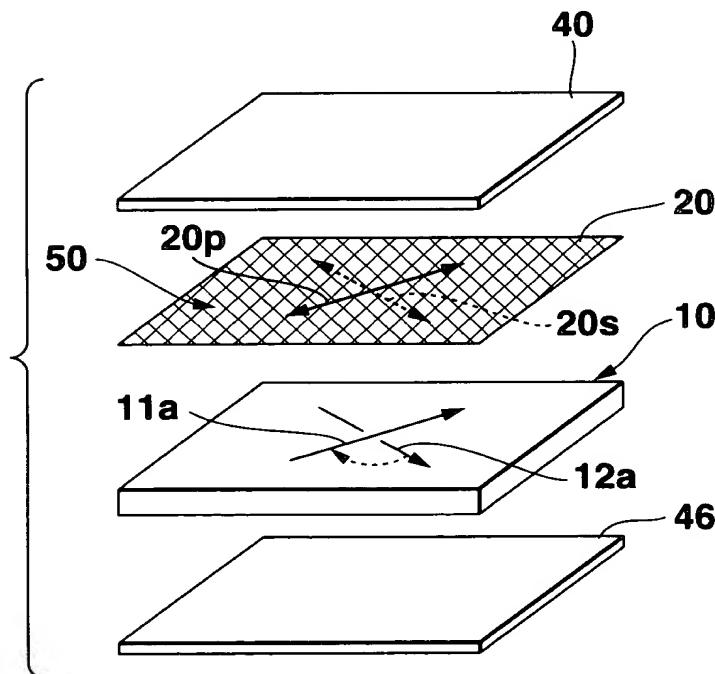
**FIG.19**



**FIG.20**

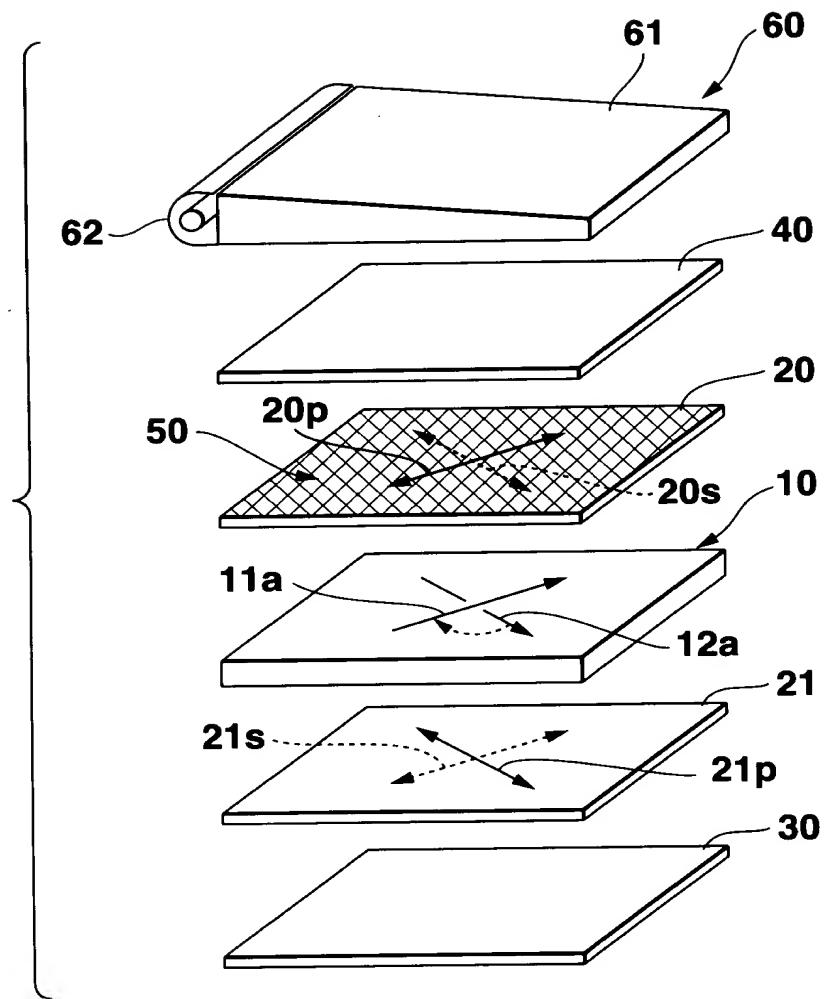


**FIG.21**



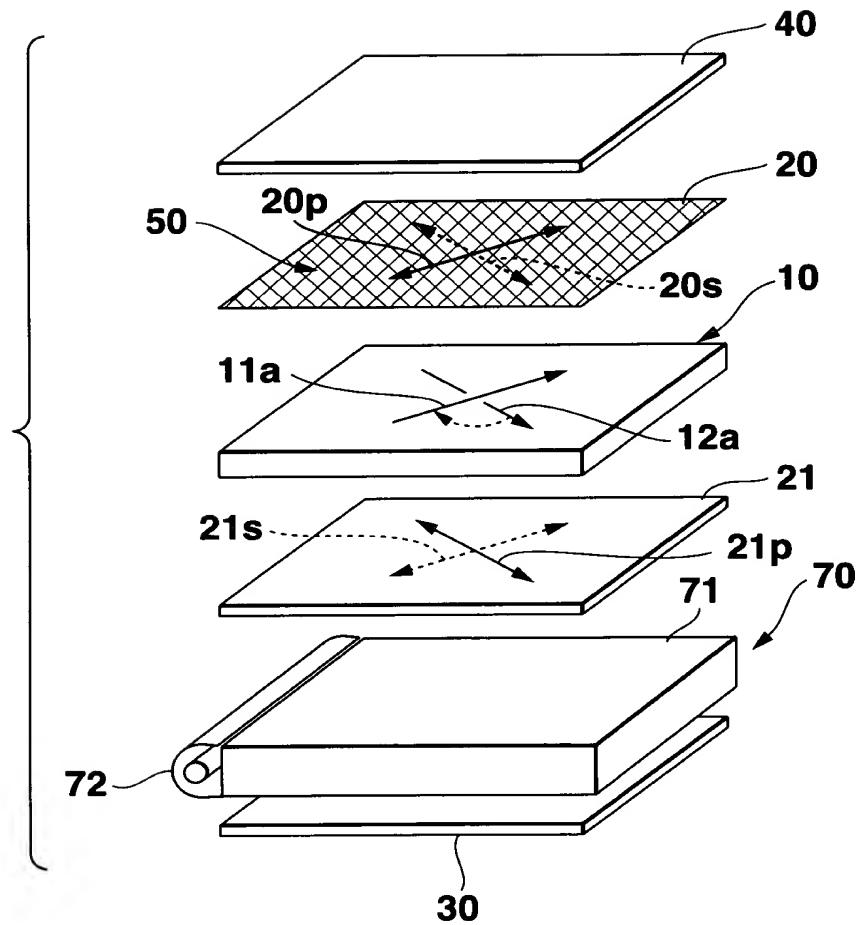
**FIG.22**

20090106000000000000

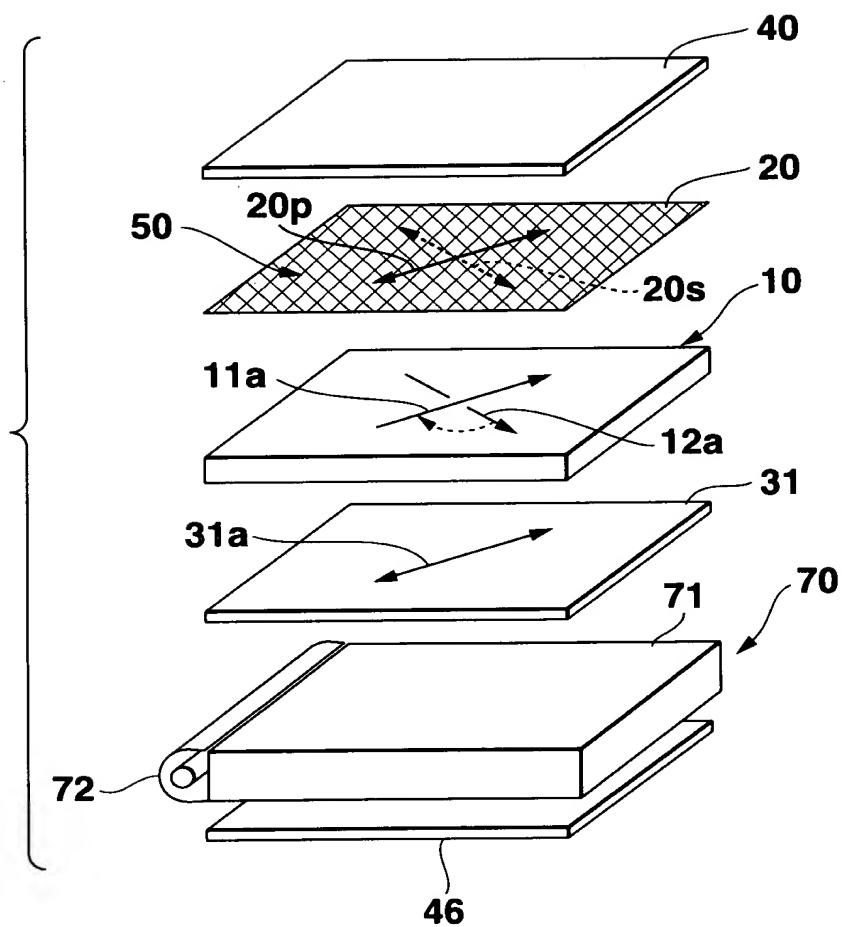


**FIG.23**

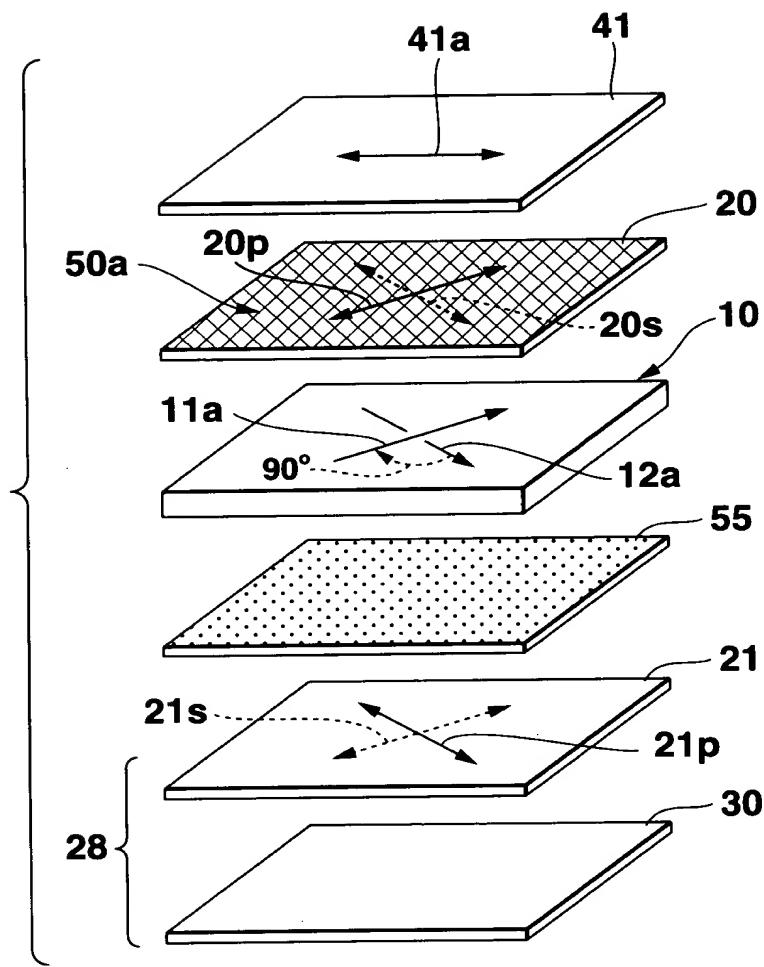
000000000000000000000000



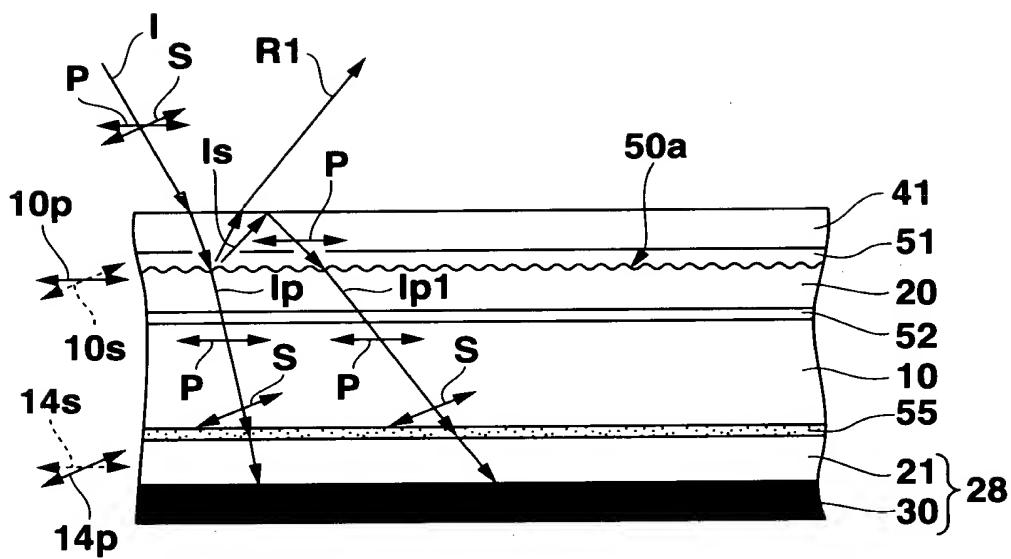
**FIG.24**



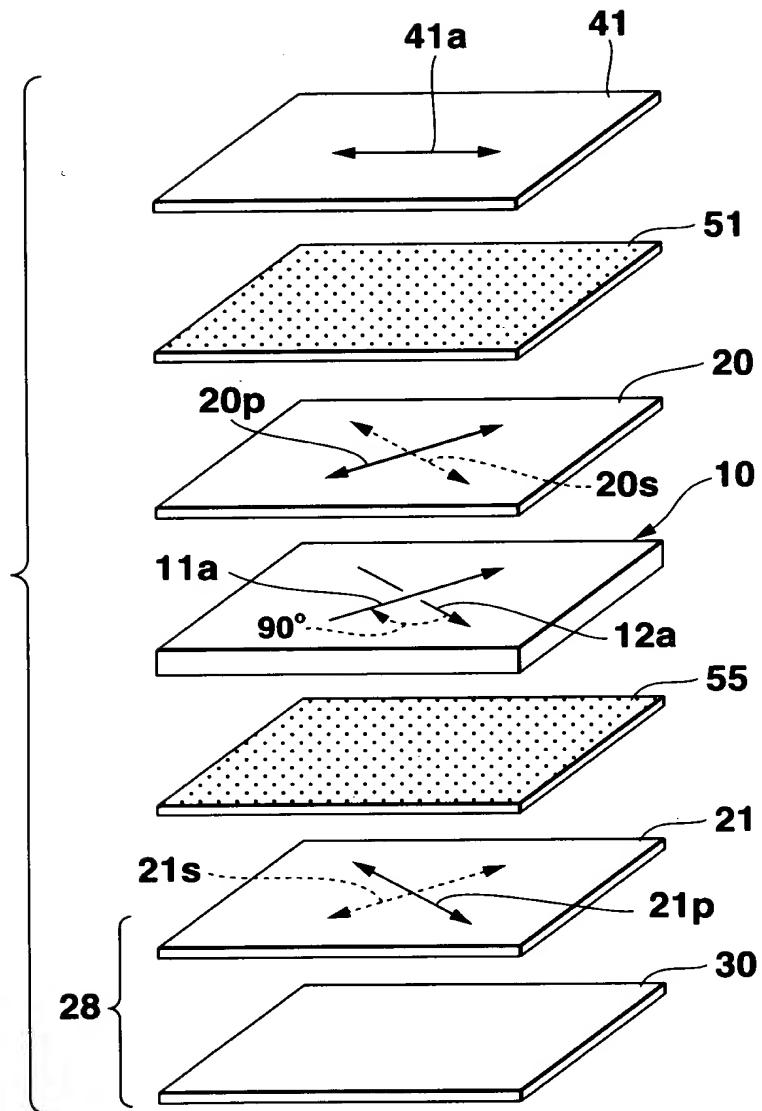
**FIG.25**



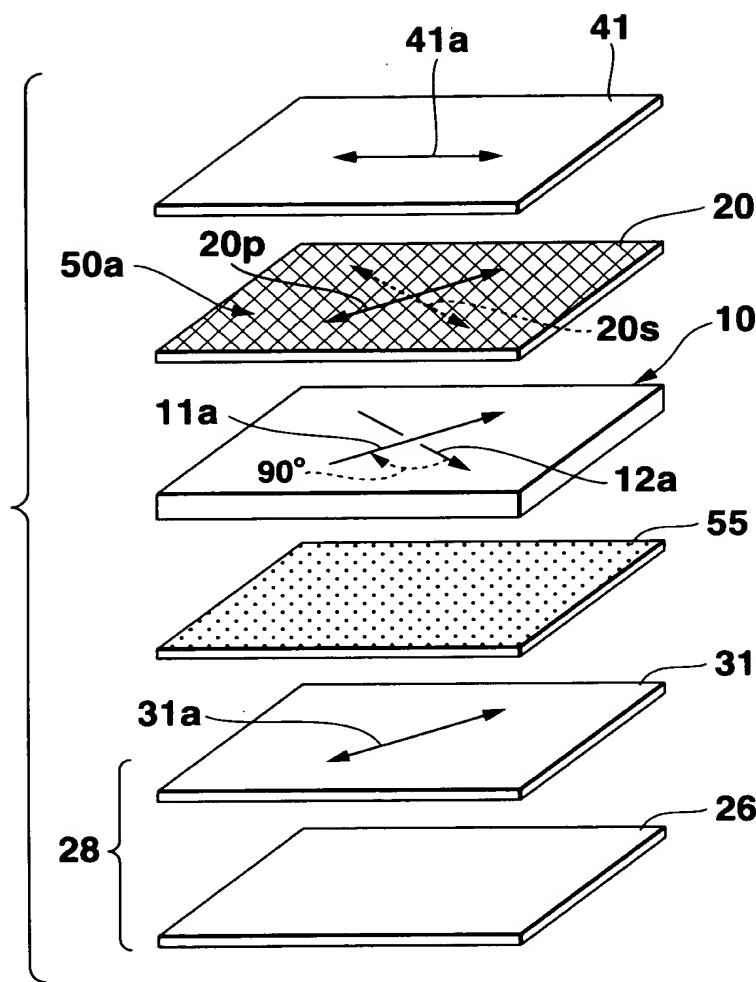
**FIG.26**



**FIG.27**

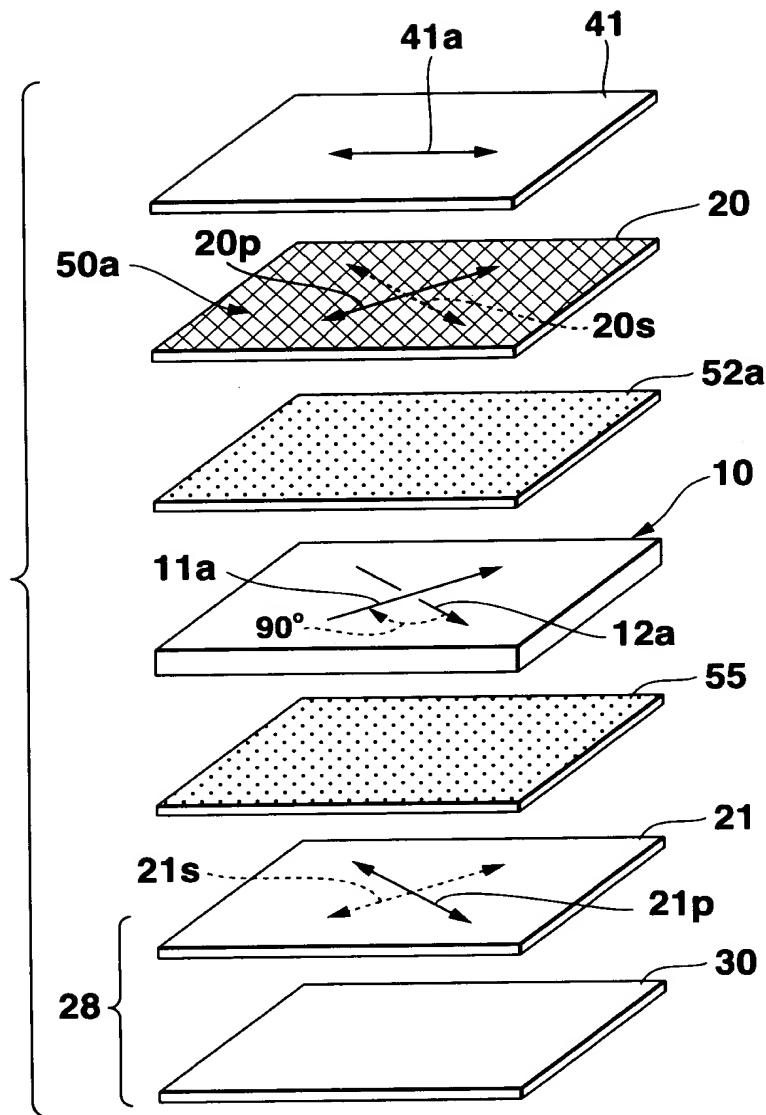


**FIG.28**



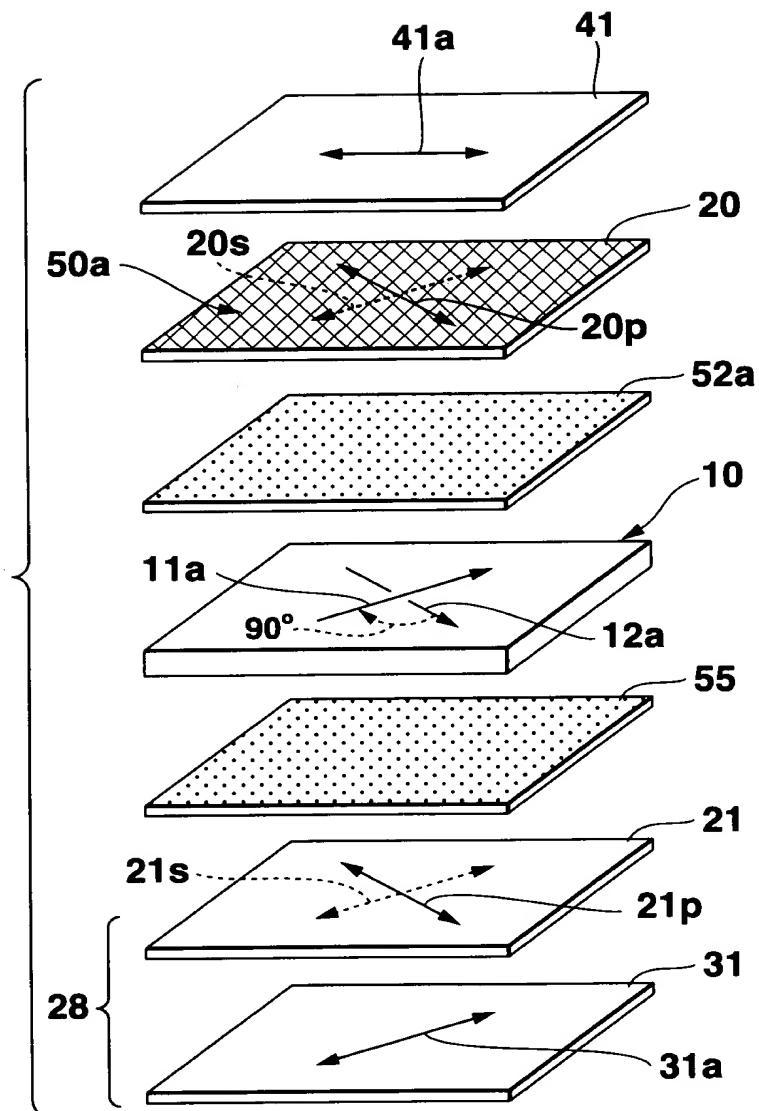
**FIG.29**

03 02 2018 2018 03 02 2018 03 02 2018

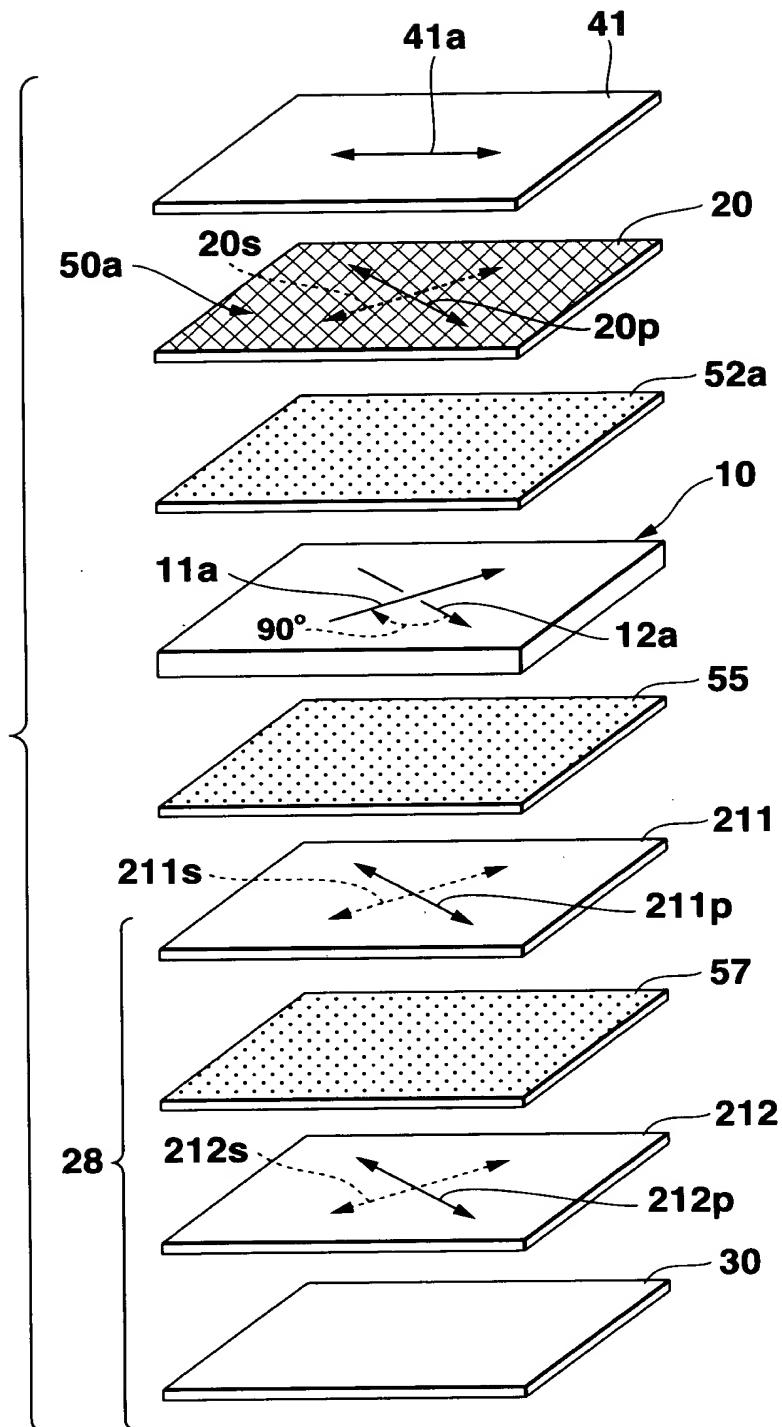


**FIG.30**

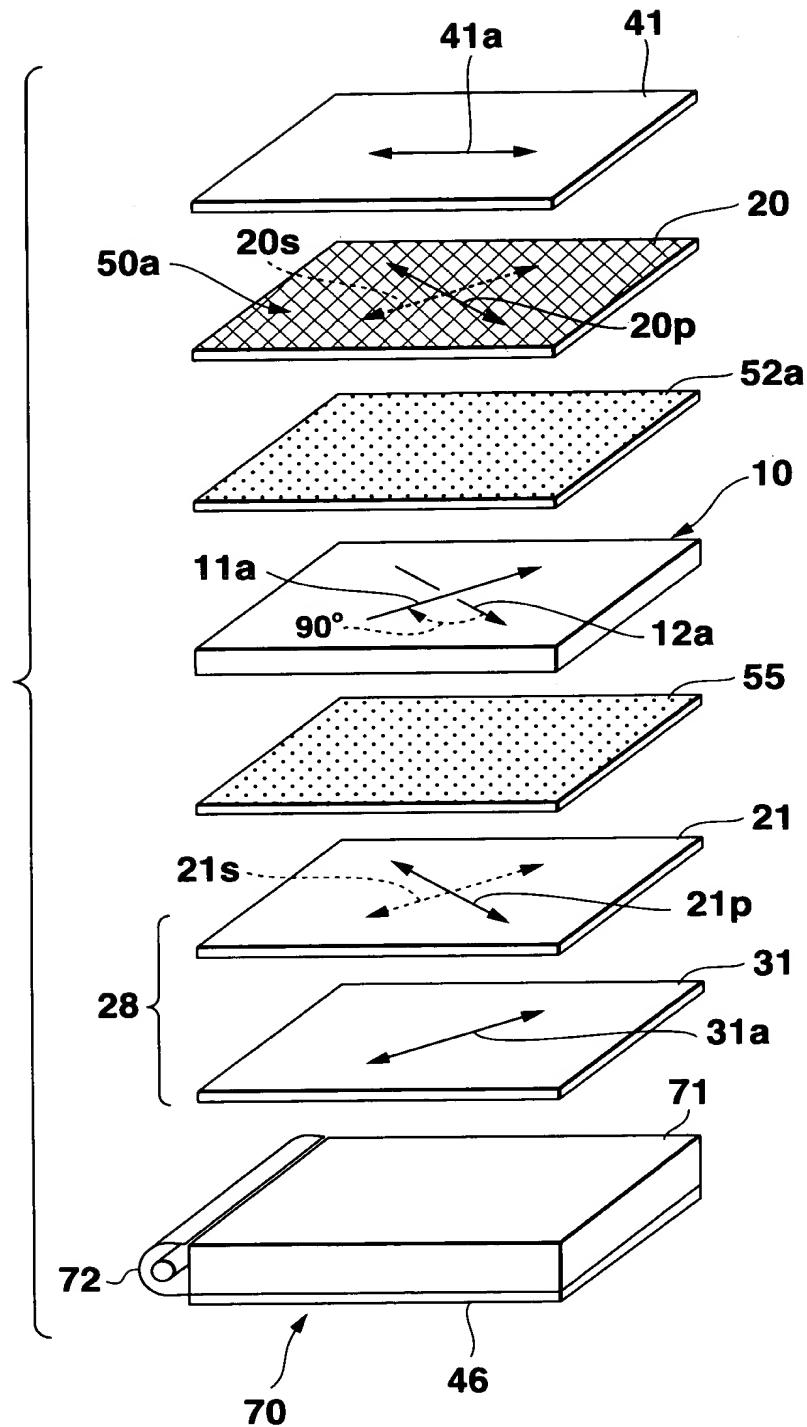
20 20s 20p 50a 41 41a 20 20s 20p 52a 10 11a 12a 90° 55 21 21s 21p 31 31a



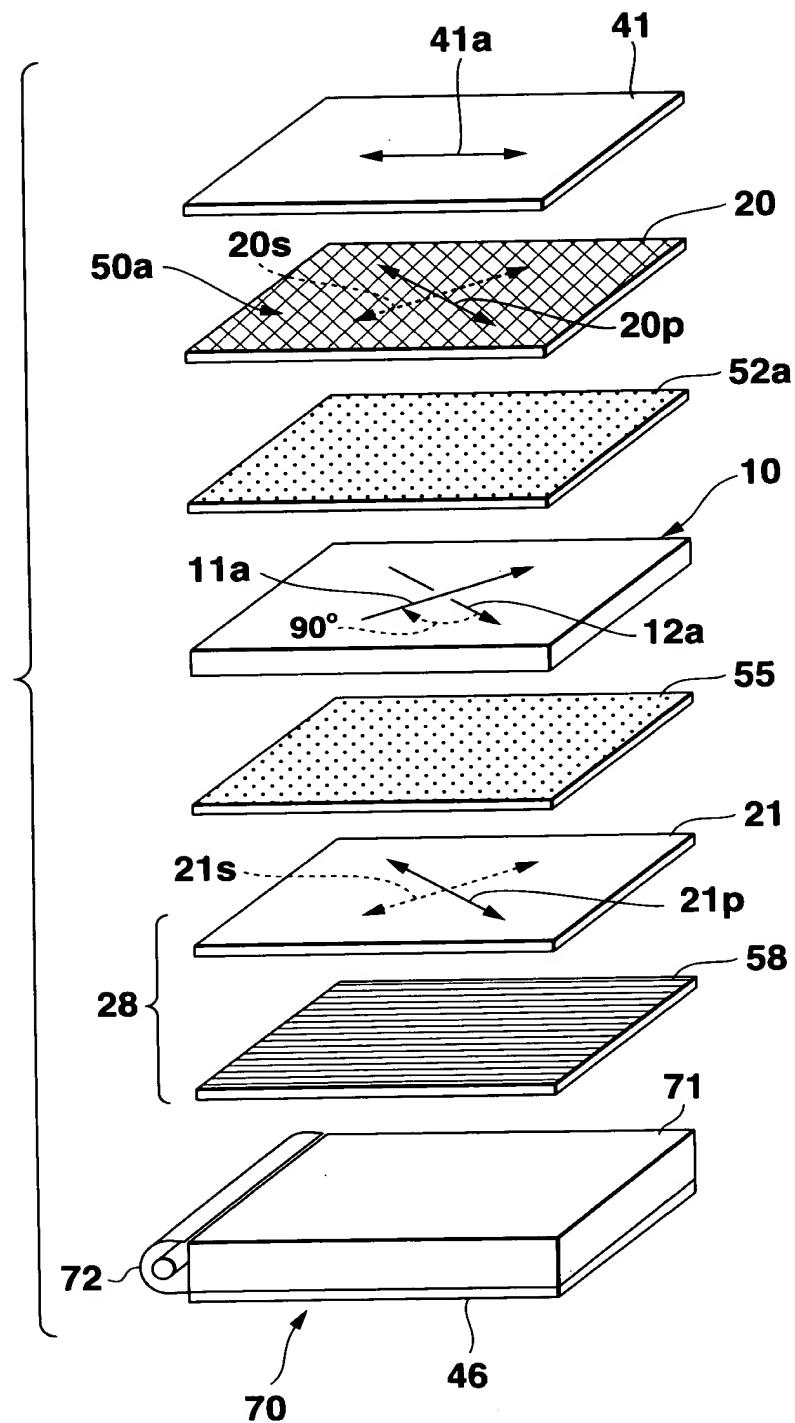
**FIG.31**



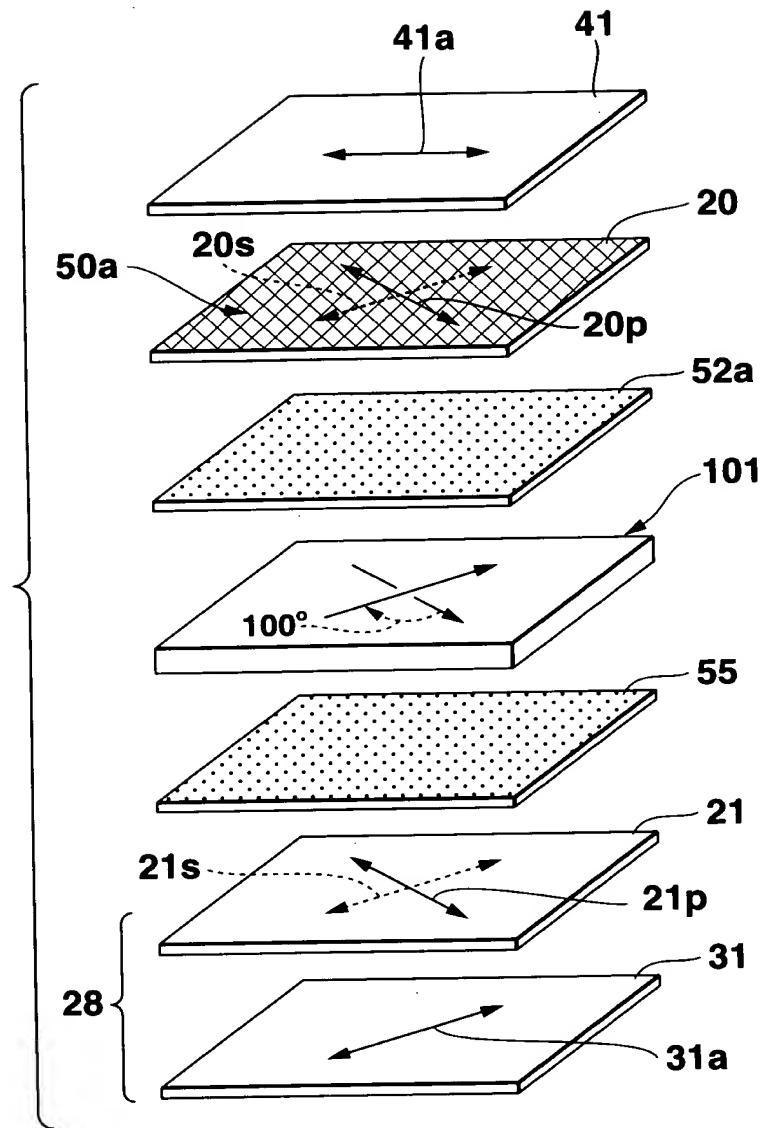
**FIG.32**



**FIG.33**

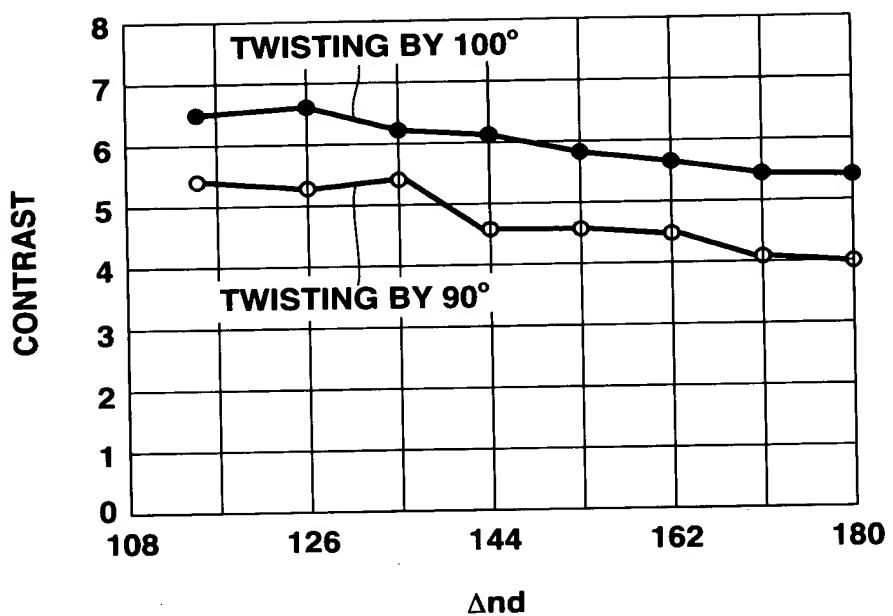


**FIG.34**

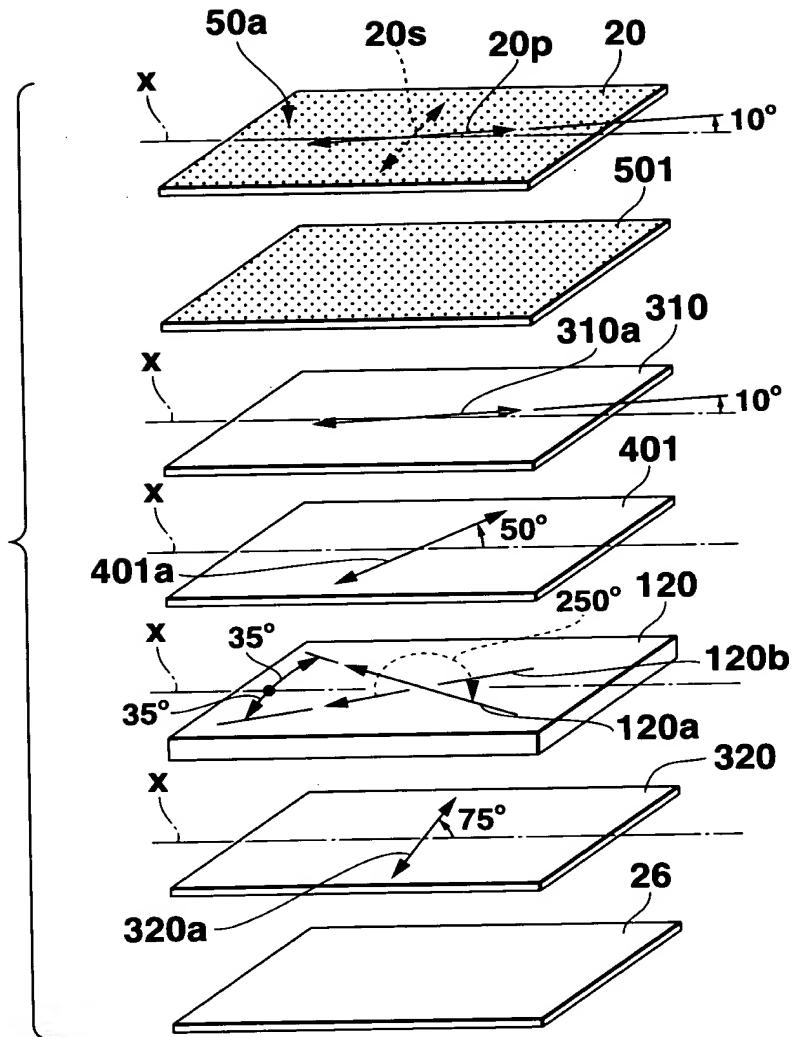


**FIG.35**

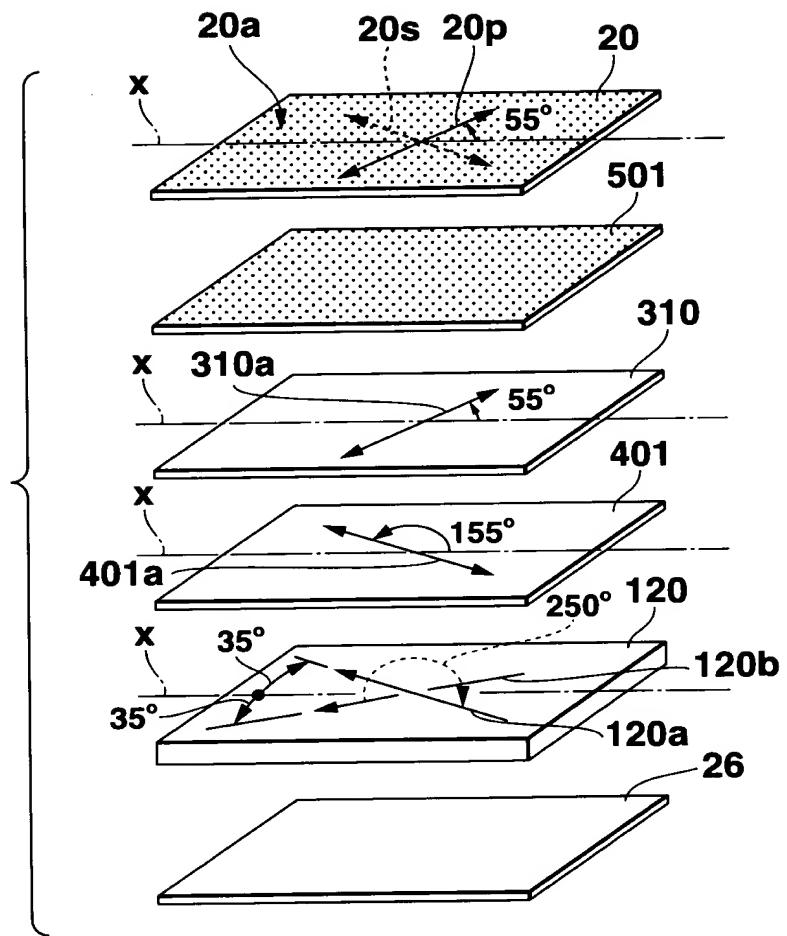
III III E E E G G A A A II II II II II II



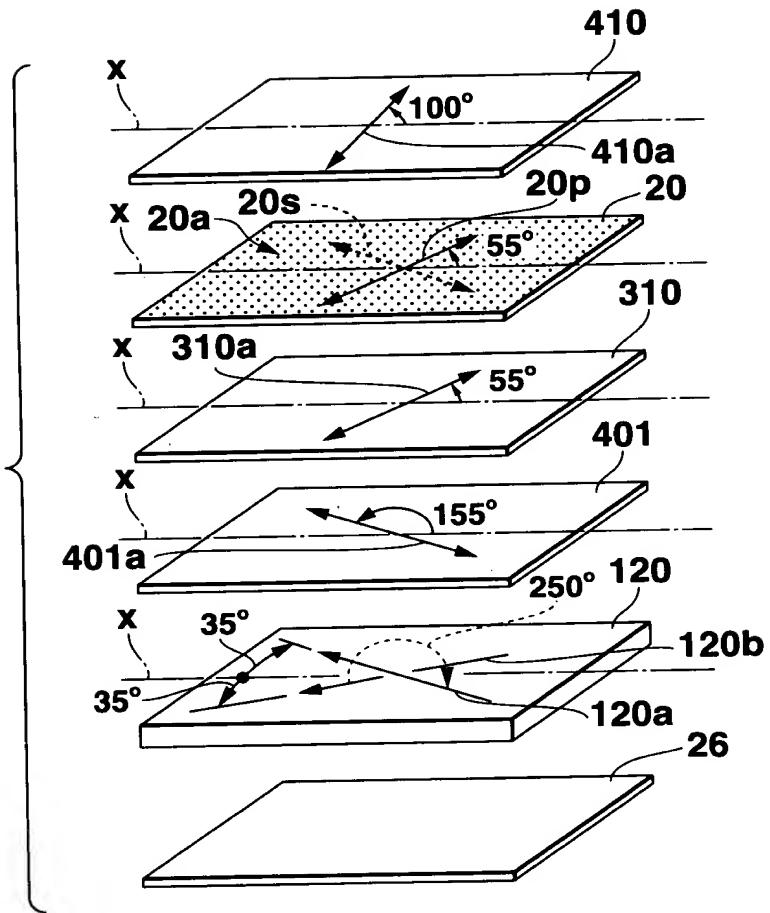
**FIG.36**



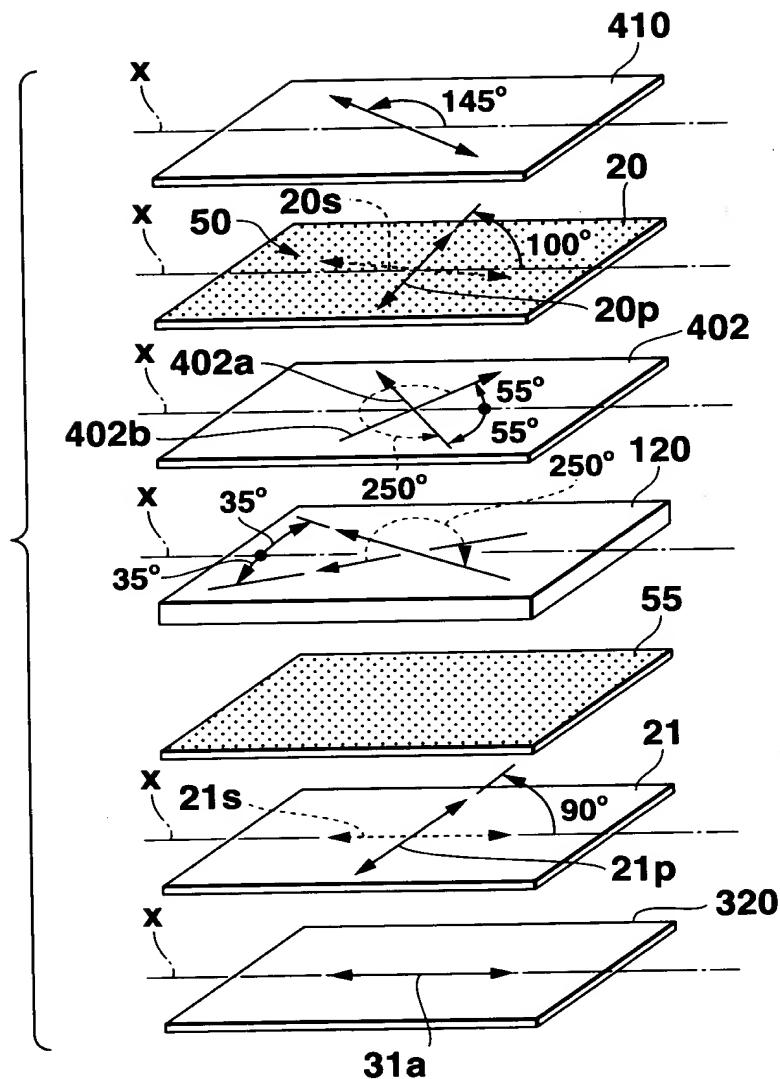
**FIG.37**



**FIG.38**



**FIG.39**



**FIG.40**